

SAFETY DATA SHEET



SECTION 1 PRODUCT and COMPANY INFORMATION

TRADE NAME: **Castle® Drill Chill™**

PRODUCT TYPE: Cooling Lubricant
PRODUCT CODE: C2035

MANUFACTURED FOR: Castle Products, Inc.
424 St. Paul Street
Rochester, NY 14605
(800) 876-0222
EMERGENCY (585) 275-3232

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION: DANGER:   Extremely flammable aerosol. Pressurized container: may burst if heated.
Harmful if swallowed. Causes skin irritation. Causes eye irritation
Keep out of reach of children.

PRECAUTIONARY STATEMENTS: Eyes: Causes irritation.
Skin: Causes irritation.
Inhalation: May be irritating to mucous membranes.
Ingestion: May be harmful if swallowed. Do not ingest.

SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	%
Petroleum Distillates, Hydrotreated, Heavy Naphthenic	64742-52-5	20-40%
Mineral Oil	8042-47-5	20-40%
Petroleum Distillates, Hydrotreated, Light Naphthenic	64742-53-6	10-20%
Propane/Isobutane	74-98-6	10-20%

SECTION 4 FIRST AID MEASURES

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation persists.

If on skin: Take off contaminated clothing and wash it before reuse. Wash with plenty of water. Call a physician if irritation persists.

If swallowed: Rinse mouth. Call a physician if you feel unwell.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a physician if you feel unwell.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Appropriate for surrounding fire.

SPECIFIC/UNUSUAL HAZARDS: Irritating gasses may be produced which will require SCBA or a fresh air source.

SPECIAL FIRE FIGHTING EQUIPMENT and PRECAUTIONS for FIREFIGHTERS: As in any fire, wear pressure-demand self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate spaces before entering.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

Methods for containment: Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up: Eliminate ignition sources including sources of electrical, static or frictional sparks. Wear appropriate protective equipment and clothing during clean-up.

Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for disposal.

Large Spills: A large spill is unlikely to occur. Dike far ahead of liquid spill for later disposal.

SECTION 7 HANDLING AND STORAGE

Handling: HARMFUL IF INHALED OR SWALLOWED. Contents under pressure. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container. Wear suitable protective clothing.

Storage: Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: NE

Appropriate Engineering Controls: Maintain adequate local exhaust ventilation.

Individual Protective Measures - Personal Protective Equipment:

Gloves: Not normally required.

Eye/Face Protection: Wear safety glasses or goggles.

Skin Protection: Wear clothing suited to the task being performed.

Respiratory Protection: Not normally required if good ventilation is maintained.

EXPOSURE LIMITS

<u>INGREDIENTS</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
Distillates, petroleum, hydrotreated light naphthenic	5mg/m ³	5mg/m ³
Mineral oil	5mg/m ³	5mg/m ³
Distillates, petroleum, hydrotreated heavy naphthenic	5mg/m ³	5mg/m ³
Propane/ Isobutane	1000 ppm	1000 ppm

SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE:	Dark Amber Liquid	ODOR:	Lubricant
ODOR THRESHOLD:	ND	pH:	NA
MELTING/FREEZING POINT:	ND	BOILING POINT:	NA
BOILING RANGE:	ND	FLASH POINT:	320°F (177°C) (concentrate)
EVAPORATION RATE (Butyl Acetate=1):	ND	FLAMMABILITY (solid, gas):	Extremely Flammable Aerosol
UPPER EXPLOSIVE LIMIT:	ND	LOWER EXPLOSIVE LIMIT:	NA
VAPOR PRESSURE:	ND	VAPOR DENSITY (air=1):	NA
RELATIVE DENSITY: (H ₂ O=1):	0.86-0.90	SOLUBILITY IN WATER:	Not Soluble in Water
PARTITION COEFFICIENT (n-octanol/water):	ND	AUTOIGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	ND	VISCOSITY:	NA
PERCENT VOLATILE BY VOL %:	100%	CARB VOC:	14%

SECTION 10 STABILITY and REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions.

POSSIBILITY of HAZARDOUS REACTIONS:

CONDITIONS TO AVOID: Heat, sparks, open flames and temperatures over 120°F (49°C)

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Hydrocarbon fumes and smoke.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: No data available.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: No Data Available.

PERSISTANCE and DEGRADABILITY: NA

BIOACCUMULATIVE POTENTIAL: NA

MOBILITY in SOIL: NA

OTHER ADVESE EFFECTS: None Known.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose according to all applicable Federal, State, and Local regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number: UN1950

UN Proper Shipping Name: Aerosols, Flammable, n.o.s.

Transport Hazard Class(es): Flammable Gas, 2.1

Packing Group: II

Marine Pollutant: NA

Special Precautions: None Required

DOT Classification: Consumer Commodity ORM-D, or Limited Quantity.

SECTION 15 REGULATORY INFORMATION

US federal regulations: All components are listed in the United States TSCA Regulations.

CERCLA (Superfund) reportable quantity: None

SARA (Superfund Amendments and Reauthorization Act of 1986):

313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: No

Canada: This Product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

SECTION 16 OTHER INFORMATION

Further information: (HMIS® is a registered trade and service mark of the NPCA.)

HMIS® ratings	Health: 1
	Flammability: 3
	Physical hazard: 0
NFPA ratings	Health: 1
	Flammability: 3
	Instability: 0

Other: NA-Not Applicable, ND-Not Determined, NE-Not Established.

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